

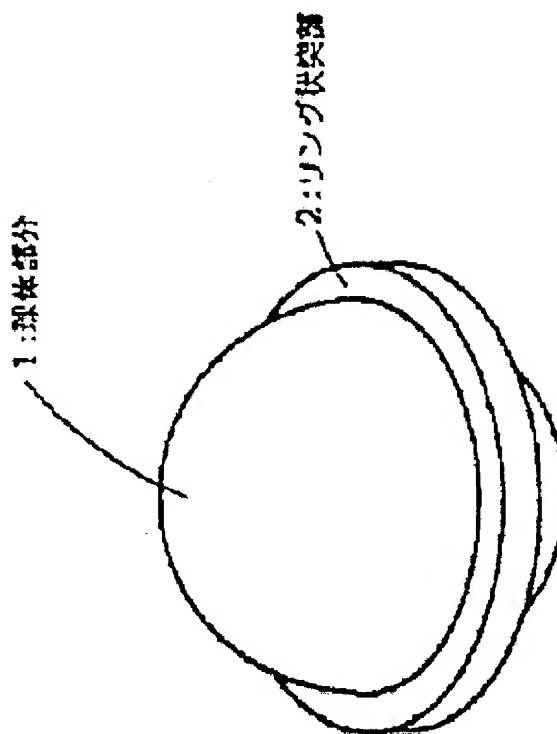
BALL FOR GRINDING, STIRRING AND MIXING RAW MATERIAL

Patent number: JP4293557
Publication date: 1992-10-19
Inventor: KITAGAKI KATSU; others: 01
Applicant: MITSUBISHI MATERIALS CORP
Classification:
- international: B02C17/20
- european:
Application number: JP19910082001 19910320
Priority number(s):

Abstract of JP4293557

PURPOSE:To efficiently grind a raw material within a short time by forming a ball from a composition containing a specific wt.% of one or more kind of carbide, nitride and carbonitride of a specific metal and a specific wt.% of Co and also containing tungsten carbide and inevitable impurities as residual components.

CONSTITUTION:A ball is prepared from a tungsten carbide base hard alloy composed of a composition containing 0.5-10wt.% of one or more kind of carbides, nitrides and carbonitrides of metals belonging to the Groups 4a, 5a, 6a of the Periodic Table and 20wt.% or less of Co and also containing tungsten carbide and inevitable impurities as residual components. The ball may be a usual spherical ball but, when a ball having a shape wherein a ring-shaped projection 2 is provided to the outer periphery of a spherical part 1 is used, a raw material can be finely ground, stirred and mixed still more efficiently within a short time by the mutual action of the ring-shaped projection 2 and the spherical part 1.



Data supplied from the esp@cenet database - Patent Abstracts of Japan